

Converting Colors

XYZ(74.0365, 93.9487, 73.0371)

Have a look what the booklet for
XYZ(74.0365, 93.9487, 73.0371)
contains.

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Color

**XYZ(71.3796, 88.5816,
72.3673)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CAFFCF |
| RGB | 202, 255, 207 |
| RGB Percent | 79%, 100%, 81% |
| CMY | 0.2078, 0.0000, 0.1882 |
| CMYK | 0.21, 0.00, 0.19, 0.00 |
| HSL | 126°, 100%, 90% |
| HSV | 126°, 21%, 100% |
| XYZ | 71.3796, 88.5816, 72.3673 |
| YIQ | 233.6810, -16.1800, -26.1640 |

Conversions

Conversions Part 2

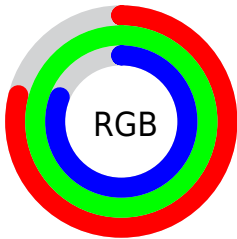
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 202, 250, 255 |
| Decimal | 13303759 |
| CIE _{Lab} | 95.41, -25.71, 17.54 |
| CIE _{LCh} | 95, 31.127, 145.702 |
| Yxy | 88.5816, 0.3072, 0.3813 |
| Android (android.graphics.Color) | 4291493839 (0xFFCAFFCF) |
| YUV | 233.6810, -13.1537, -27.7842 |
| Hunter-Lab | 94.1178, -29.3305, 20.2943 |

Details

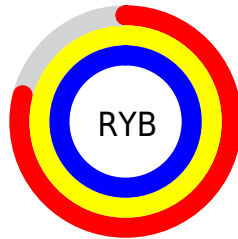
The XYZ color **71.3796, 88.5816, 72.3673** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.6160, 70.4038, 99.8350**, and the grayscale version is **78.0701, 82.1358, 89.4459**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9765, 48.8911, 37.5723** is the 20% darker color. If you saturate the color by 10%, you get **62.4202, 84.2655, 58.2719**, and if you desaturate by 10%, it is **81.8933, 93.6511, 88.6938**.

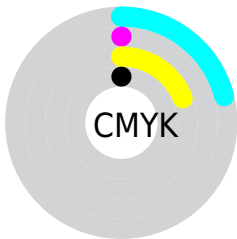
Distribution



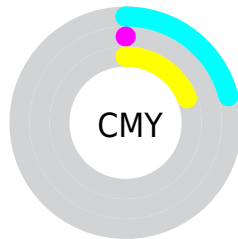
- Red (79%)
- Green (100%)
- Blue (81%)



- Red (79%)
- Yellow (98%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3796, 88.5816, 72.3673 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.3796, 88.5816, 72.3673 by changing the saturation by 10% instead.

 71.3796, 88.5816,
72.3673

 71.3796, 88.5816,
72.3673


454.5705,
523.4060, 487.8309

 52.9357, 66.8048,
52.9701


120.1897,
145.3666, 124.2912

 37.9787, 48.9260,
37.3913


151.2865,
181.1436, 157.6549

 26.1433, 34.5608,
25.2125


187.3317,
222.3562, 196.5113

 17.0641, 23.3248,
16.0150

228.6906,
269.3887, 241.2788

 10.3758, 14.8335,
9.3803

275.7286,
322.6255, 292.3759

 5.7130, 8.7026,
4.8899

328.8110,

 2.7104, 4.5477,

382.4511, 350.2213

2.1252

388.3032,
449.2498, 415.2334

■ 1.0025, 1.9844,
0.6307

■ 0.0000, 0.5984,
0.0000

■ 71.3796, 88.5816,
72.3673

■ 71.3796, 88.5816,
72.3673

■ 62.4202, 84.2655,
58.2719

■ 81.8933, 93.6511,
88.6938

■ 54.9394, 80.6661,
46.3069

■ 94.0284, 99.5069,
107.3381

■ 48.8580, 77.7447,
36.3698

■ 95.0500, 100.0000,
108.9000

■ 44.0887, 75.4586,
28.3484

■ 40.5342, 73.7604,
22.1192

■ 38.0835, 72.5957,
17.5444

■ 36.6053, 71.9003,
14.4664

■ 35.9255, 71.5862,
12.7915

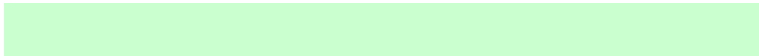
Harmonies

Analogous

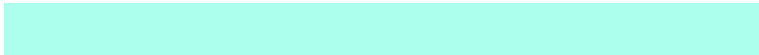
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2911, 88.5816, 60.0685



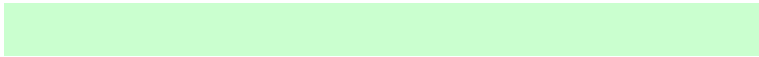
71.3796, 88.5816, 72.3673



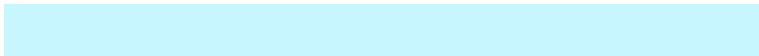
68.9000, 88.5816, 92.9790

Triad

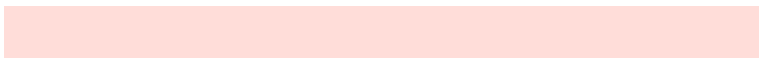
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3796, 88.5816, 72.3673



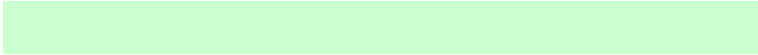
82.9732, 88.5816, 151.1721



99.8255, 88.5816, 77.5098

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.3796, 88.5816, 72.3673



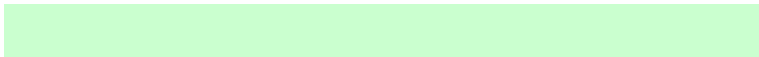
79.6160, 70.4038, 99.8350

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.5990, 88.5816, 100.0069



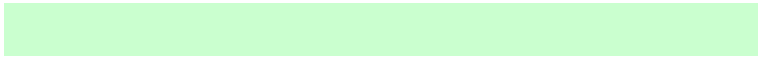
71.3796, 88.5816, 72.3673



91.4965, 88.5816, 145.1712

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3796, 88.5816, 72.3673



75.3011, 88.5816, 140.6050



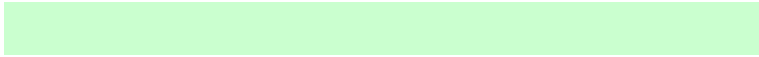
98.4574, 88.5816, 125.3589



93.7612, 88.5816, 62.6676

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3796, 88.5816, 72.3673



69.3955, 88.5816, 109.7056



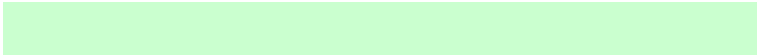
98.4574, 88.5816, 125.3589



100.9600, 88.5816, 84.3082

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.3802, 88.5818, 72.3687



87.4921, 96.3523, 97.3181



86.0546, 96.2163, 69.9140



18.5585, 20.5421, 20.5713



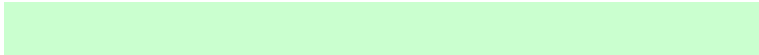
0.0000, 0.0000, 0.0000



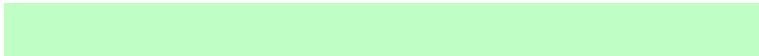
20.3446, 21.4041, 23.3091

Same Dimension

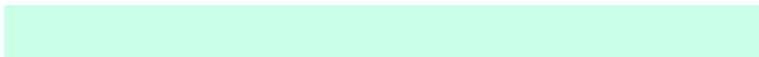
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3802, 88.5818, 72.3687



67.4173, 86.6722, 66.1589



74.8136, 89.9552, 90.4488



17.8412, 20.1960, 19.4666



18.7949, 37.4146, 6.8054



1.8523, 3.6518, 0.7800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.6160, 70.4038, 99.8350



77.0219, 65.4693, 98.1875



75.8268, 68.8881, 79.8811



18.7144, 18.2691, 22.3792



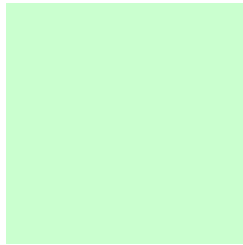
29.1114, 14.1339, 40.8328



2.8551, 1.3844, 4.0844

Previews

White Background



This preview shows how the XYZ color 71.3796, 88.5816, 72.3673 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.3796, 88.5816, 72.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

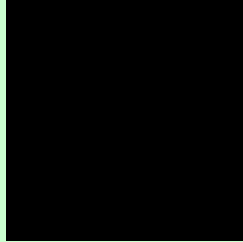
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

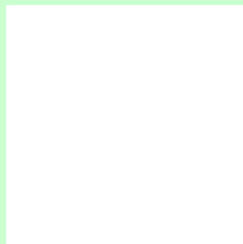
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3796, 88.5816, 72.3673

Background



This preview shows how black text looks on a background with the XYZ color 71.3796, 88.5816, 72.3673.



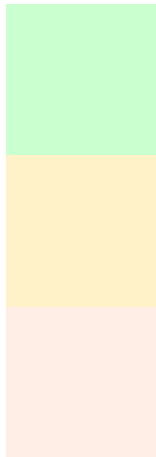
This preview shows how white text looks on a background with the XYZ color 71.3796, 88.5816,

72.3673.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.3796, 88.5816, 72.3673

Protanopia

83.1206, 88.3407, 67.3141

Deuteranopia

86.0975, 88.1222, 87.3344



Tritanopia

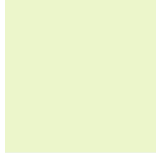
81.7647, 88.0901, 107.3014

Trichromacy



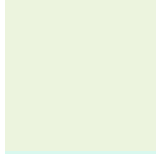
Original Color

71.3796, 88.5816, 72.3673



Protanomaly

78.3273, 88.0562, 69.3682



Deuteranomaly

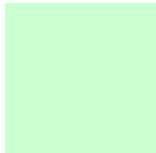
80.1276, 87.8082, 81.8327



Tritanomaly

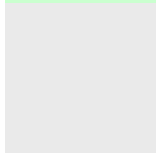
77.6153, 88.0596, 93.7954

Monochromacy



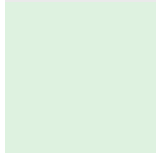
Original Color

71.3796, 88.5816, 72.3673



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.3309, 84.4157, 82.8445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3796, 88.5816, 72.3673 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.3796, 88.5816, 72.3673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 255, 207) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 255, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3796, 88.5816, 72.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
255, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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